

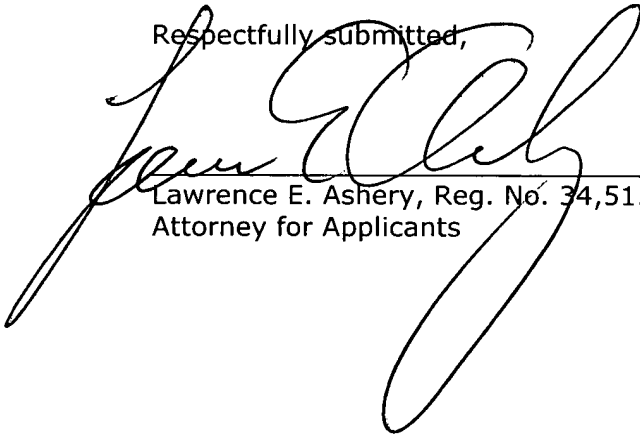
Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

ABSTRACT

In a mobile communication system supported with IP version 6, a mobile node ~~10~~ measures at least one of a hop number or communication delay time to a belonging home agent ~~11~~. When the result of measurement is equal to or greater than a predetermined value, registration deletion is requested to the belonging home agent ~~11~~ while registration is requested to a new home agent ~~14~~. The belonging home agent ~~11~~ deletes the registration of mobile node ~~10~~, and the new home agent ~~14~~ registers the mobile node. This can reduce the load on an IP network ~~18~~ and decrease data delay.

Respectfully submitted,


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LEA/dmw

Attachment: Abstract

Dated: June 23, 2004

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Kathleen Libby

ABSTRACT

In a mobile communication system supported with IP version 6, a mobile node measures at least one of a hop number or communication delay time to a belonging home agent. When the result of measurement is equal to or greater than a predetermined value, registration deletion is requested to the belonging home agent while registration is requested to a new home agent. The belonging home agent deletes the registration of mobile node, and the new home agent registers the mobile node. This can reduce the load on an IP network and decrease data delay.